

Exhibit A – Disputed Patent Claim Terms

The following chart lists the disputed patent claim terms, phrases, or clauses of the '554 patent for which Plaintiff and Defendants propose different constructions.

Term #	Claims	Disputed Claim / Term	Plaintiff's Proposed Construction	Defendants' Proposed Construction	Court's Construction
1	<u>1</u> & 15	<p>A method of enhancing the reliability of a transmission from a source to a destination in a communications network using a network protocol that operates on top of the Internet Protocol (IP), the method comprising:</p> <p>transmitting data between a source and destination over a first network path made up of one or more network links where at least one of the network links is to a local area network that is remote from the transmission source; and</p> <p>switching the transmission from the first network path to one of a plurality of alternative network paths;</p>	<p>Not indefinite</p> <p>No construction necessary; plain and ordinary meaning.</p>	Indefinite	

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		<p>wherein said transmission is not disrupted as a result of said switch to the one of a plurality of alternative network paths, said transmission contains audio or video data and at least one Network Address Translation (NAT) is performed on said transmission;</p> <p>said transmission uses the Real Time Protocol (RTP);</p> <p>said transmission uses the Session Initiation Protocol (SIP); and</p> <p>the SIP signaling sequence of the transmission is maintained after said switching from the first network path to the one of a plurality of alternative network paths.</p>			
2	<u>1</u> & 15	A method of enhancing the reliability of a transmission from a source to a	Not indefinite	Indefinite or, alternatively, Plain and Ordinary	

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		<p>destination in a communications network using a network protocol that operates on top of the Internet Protocol (IP), the method comprising:</p> <p>transmitting data between a source and destination over a first network path made up of one or more network links where at least one of the network links is to a local area network that is remote from the transmission source; and</p> <p>switching the transmission from the first network path to one of a plurality of alternative network paths;</p> <p>wherein said transmission is not disrupted as a result of said switch to the one of a plurality of alternative network paths, said transmission contains audio or video data and at least one Network Address</p>	<p>No construction necessary; plain and ordinary meaning.</p>	<p>Meaning (<i>i.e.</i>, device that initiates the transmission)</p>	

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		<p>Translation (NAT) is performed on said transmission;</p> <p>said transmission uses the Real Time Protocol (RTP);</p> <p>said transmission uses the Session Initiation Protocol (SIP); and</p> <p>the SIP signaling sequence of the transmission is maintained after said switching from the first network path to the one of a plurality of alternative network paths.</p>			
3	<u>1</u> & 15	A method of enhancing the reliability of a transmission from a source to a destination in a communications network using a network protocol that operates on top of the Internet Protocol (IP), the method comprising:	<p>Not indefinite</p> <p>No construction necessary; plain and ordinary meaning.</p> <p>Alternatively, “SIP signaling sequence, or ‘cseq’ number, is monotonically increased for new transmissions or</p>	Indefinite or, alternatively, “SIP signaling sequence number of the transmission is maintained throughout a dialog with a SIP server”	

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		<p>transmitting data between a source and destination over a first network path made up of one or more network links where at least one of the network links is to a local area network that is remote from the transmission source; and</p> <p>switching the transmission from the first network path to one of a plurality of alternative network paths;</p> <p>wherein said transmission is not disrupted as a result of said switch to the one of a plurality of alternative network paths, said transmission contains audio or video data and at least one Network Address Translation (NAT) is performed on said transmission;</p> <p>said transmission uses the Real Time Protocol (RTP);</p>	<p>preserved for re-transmissions.”</p> <p>* Plaintiff has also indicated agreement with the <i>PTAB Construction</i>: “the same rule or paradigm is used to identify that an incoming SIP packet is the next SIP packet in a sequence, regardless of whether that packet is transmitted on the first network path or the one of a plurality of alternative network paths.”</p>		

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		said transmission uses the Session Initiation Protocol (SIP); and the SIP signaling sequence of the transmission is maintained after said switching from the first network path to the one of a plurality of alternative network paths.			
4	<u>3</u> & 17	The method of claim 1 wherein the switch from the first network path to the one of a plurality of alternative network paths occurs as a result of stream load balancing .	No construction necessary; plain and ordinary meaning. Alternatively, “an event when an RTP stream is signaled to move to a different wide-area network (“WAN”).”	Plain and ordinary meaning (<i>i.e.</i> , ... as a result of stream load balancing based on a measured stream load)	
5	5 & <u>19</u>	The method of claim 1 wherein a SIP server associated with the one of a plurality alternative network paths may authenticate the	No construction necessary; plain and ordinary meaning.	Server that receives and responds to a SIP INVITE request	

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		transmission before it is switched.			
6	<u>15</u>	<p>A method of enhancing the reliability of a transmission from a source to a destination in a communications network using a network protocol that operates on top of the Internet Protocol (IP), the method comprising:</p> <p>transmitting data between a source and destination over a first network path made up of one or more network links where at least one of the network links is to a local area network that is remote from the transmission source;</p> <p>switching the transmission from the first network path to one of a plurality of alternative network paths;</p>	<p>Not indefinite</p> <p>No construction necessary; plain and ordinary meaning.</p>	Indefinite	

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		<p>wherein said transmission is not disrupted as a result of said switch to the one of a plurality of alternative network paths, said transmission contains audio or video data, and at least one Port Address Translation (PAT) is performed on said transmission;</p> <p>said transmission contains audio or video content;</p> <p>said transmission contains data used in the control of the audio or video transmission;</p> <p>said transmission uses the Real Time Protocol (RTP);</p> <p>said transmission uses the Session Initiation Protocol (SIP); and</p> <p>the SIP signaling sequence of the transmission is maintained after said switching from the first</p>			

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		network path to the one of a plurality of alternative network paths.			
7	<u>15</u>	<p>A method of enhancing the reliability of a transmission from a source to a destination in a communications network using a network protocol that operates on top of the Internet Protocol (IP), the method comprising:</p> <p>transmitting data between a source and destination over a first network path made up of one or more network links where at least one of the network links is to a local area network that is remote from the transmission source;</p> <p>switching the transmission from the first network path to one of a plurality of alternative network paths;</p>	<p>Not indefinite</p> <p>No construction necessary; plain and ordinary meaning.</p>	Indefinite	

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		<p>wherein said transmission is not disrupted as a result of said switch to the one of a plurality of alternative network paths, said transmission contains audio or video data, and at least one Port Address Translation (PAT) is performed on said transmission;</p> <p>said transmission contains audio or video content;</p> <p>said transmission contains data used in the control of the audio or video transmission;</p> <p>said transmission uses the Real Time Protocol (RTP);</p> <p>said transmission uses the Session Initiation Protocol (SIP); and</p> <p>the SIP signaling sequence of the transmission is maintained after said</p>			

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		switching from the first network path to the one of a plurality of alternative network paths.			